## ERNATIONAL SEARCH REPORT

tional Application No

PCT/EP 02450944 A. CLASSIFICATION OF SUBJECT MATTER TPC 7 G02F1/1339 G02 G02F1/1333 602F1/1345 G02FI/1362 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) G02F IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, COMPENDEX, INSPEC, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 9 US 2002/071085 A1 (CHEN TAI-HONG ET AL) 1,8 A 13 June 2002 (2002-06-13) paragraphs '0010!-'0017! paragraphs '0046!-'0052!; figures 5-9 1,8 US 4 600 273 A (OHNO YOSHIHIRO) Α 15 July 1986 (1986-07-15) column 3, line 45 -column 4, line 21 column 5, line 31-51; figures 3,5-7 1,8 PATENT ABSTRACTS OF JAPAN Α vol. 2000, no. 03, 30 March 2000 (2000-03-30) -& JP 11 337953 A (TOSHIBA CORP), 10 December 1999 (1999-12-10) abstract; figure 3 Patent family members are listed in annex. Further documents are listed in the continuation of box C. "I later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: \*A\* document defining the general state of the art which is not considered to be of particular relevance invention 'X' document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to 'E' earlier document but published on or after the international filing date involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the set. "O" document referring to an oral disclosure, use, exhibition or

Date of the actual completion of the international search

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11 May 2004

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in the art.

'&' document member of the same patent family

Date of mailing of the international search report

28/05/2004

Authorized officer

Noirard, P

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